# CSL Awards, Honors, and Other Recognition

| Recipients | Name of Award | Organization | Year | Type | Citation |
|---|---|---|---|---|---|
| Amy Butler | Guest Editor, 2019, US CLIVAR "Variations", Vol. 17(1), The role of stratospheric teleconnections on climate variability and predictability across timescales; Proposer, AGU Special Collection "The Exceptional Arctic Stratospheric Polar Vortex in 2019/2020: Causes and Consequences", JGR-Atmospheres and GRL. | JGR Atmospheres | 2019-2020 | Reviewing/ Refereeing Awards | |
| Audrey Gaudel | 1) Publication in Science Advances (Gaudel et al., 2020, DOI: 10.1126/sciadv.aba827 2) covered in the press: Le Monde, Der Spiegel, The Times, UPI 2) Weg of Science highly cited paper in Elementa: Science of the Anthropocene, TOAR-Climate (Gaudel et al., 2018, DOI: https://doi.org/10.1525/elementa.291) | | 2018, 2020 | Recognition of Publications | |
| Robert Portmann | a) Web of Science highly cited paper, Yu et al (2019) DOI: 10.1126/science.aax1748<br><br>b) Geophysical Research Letters top 10% most downloaded papers 2018-2019 Yu et al, 2018 https://doi.org/10.1029/2018GL080544019 | | 2018-2019 | Recognition of Publications | |
| Patrick Veres | CIRES OPA Awards Reviewer | CIRES | 2017-2018 | Reviewing/ Refereeing Awards | |
| Steve Brown | Approximately 15 invited lectures at U.S. and international universities | | 2015-present | Recognition from Academia | |
| Matt Coggon | CIRES Visiting Postdoctoral Fellowship | CIRES | 2015-2016 | CIRES Awards | |
| Stephen A. Montzka (GML), Robert W. Portmann, Bradley D. Hall (GML), James W. Elkins (GML), John S. Daniel | Gold Medal | NOAA | 2020 | DOC/NOAA/ OAR | for discovering the recent production and release of CFC-11, indicating a major violation of the Montreal Protocol. |

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| Eric Ray, Pengfei Yu, Ben R. Miller (GMD), Carolina Siso (GMD), Debra Mondeel (GMD), Fred Moore (GMD), Geoff S. Dutton (GMD), J. David Nance (GMD), Lei Hu (GMD) | Gold Medal | NOAA | 2020 | DOC/NOAA/ OAR | for discovering the recent production and release of CFC-11, indicating a major violation of the Montreal Protocol. |
| Veres, Patrick | Employee of the Year | OAR | 2020 | DOC/NOAA/ OAR | for pioneering work to redefine the atmospheric chemistry of the marine sulfur cycle and its role in Earth's climate system. |
| Aaron Lamplugh, Adam Ahern, Ale Franchin, Ann Weickmann, Brian McDonald, Carrie Womack, Carsten Warneke, Catherine Rasco, Christina Williamson, Frank Erdesz, Georgios Gkatzelis, Ilann Bourgeois, J. Andy Neuman, Jeff Peischl, Joseph Katich, Karl Froyd, Ken Aikin, Kyra Slovacek, Laurel Watts, Macy Morgan, Matt Coggon, Max Holloway, Megan Bela, Michael Robinson, Michael Zucker, Nicholas L. Wagner, Pamela Rickly, Paul Schroeder, Richard Tisinai, Stuart McKeen, Troy Thornberry, Zachary Decker | Administrator's Award | CIRES | 2020 | DOC/NOAA/ OAR | for the planning and conduct of the largest interdisciplinary research project ever to study wildfire smoke composition, chemistry, and evolution. |
| James Roberts, Charles Brock, RuShan Gao, Joshua Schwarz, Andrew Rollins, Steven Ciciora, Patrick Veres, Jessica Gilman, Steven Brown, Ann Middlebrook, William A. Brewer, Scott Sandberg, Michael Trainer, Rebecca Washenfelder, Thomas Ryerson, Angela Nyul, Jane August, Catherine Weable, Samantha Middel | Administrator's Award | NOAA | 2020 | DOC/NOAA/ OAR | for the planning and conduct of the largest interdisciplinary research project ever to study wildfire smoke composition, chemistry, and evolution. |

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| Joshua Schwarz, Jim Roberts, Jessica Gilman, Steve Brown, Rebecca Washenfelder, Ann Middlebrook, Alan Brewer, Kenneth Mooney, Mitch Goldberg (NESDIS) | Bronze Medal | NOAA | 2020 | DOC/NOAA/ OAR | for outstanding execution of the FIREX-AQ mission, a joint venture with NASA to improve understanding of air quality and climate impacts of fires. |
| Aaron Lamplugh, Adam Ahern, Ale Franchin, Ann Weickmann, Caroline Womack, Carsten Warneke, Frank Erdesz, Georgios Gkatzelis, Ilann Bourgeois, J. Andy Neuman, Jeff Peischl, Joseph Katich, Ken Aikin, Macy Morgan, Matt Coggon, Michael Robinson, Michael Zucker, Nicholas Wagner, Pamela Rickly, Zachary Decker, Ravan Ahmadov (GSL) | Bronze Medal | CIRES | 2020 | DOC/NOAA/ OAR | with colleagues from the CU Department of Chemistry, for outstanding execution of the FIREX-AQ mission, a joint venture with NASA to improve understanding of air quality and climate impacts of fires. |
| James H. Churnside | Distinguished Career | NOAA | 2020 | DOC/NOAA/ OAR | for developing and implementing novel laser techniques for remotely measuring properties of the atmosphere and ocean. |
| Kai-Lan Chang, Owen Cooper, Audrey Gaudel, Irina Petropavlovskikh (GMD) | Outstanding Performance Award in Science and Engineering | CIRES | 2020 | CIRES | for initiating the Tropospheric Ozone Assessment Report (TOAR), a research activity in the framework of the International Global Atmospheric Chemistry (IGAC) project. TOAR a) produced the first tropospheric ozone assessment report based on the peer-reviewed literature and new analyses, and b) generated easily accessible data on ozone exposure and dose metrics at hundreds of measurement sites around the world, helping with research on the global-scale impact of ozone on climate, human health and crop/ecosystem productivity. The team's work has resulted in many high-impact publications and has greatly improved our knowledge of tropospheric ozone trends as it relates to climate change and health impacts. |
| Dan Murphy | Mentored Kyra Slovacek, undergraduate | NOAA | 2020 | Mentors for Graduate/Undergraduate/High School Students | |
| Robert Banta | Editor's Award | AMS | 2020 | Reviewing/ Refereeing Awards | |

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|---|---|---|---|---|---|
| Kai-Lang Chang | One of 10 remarkable discoveries from 2020 selected by Nature, doi:10.1038/s41586-020-2120-4 | NATURE | 2020 | Recognition of Publications | |
| Audrey Gaudel | 1) Invited speaker for the AMS annual meeting 2020<br>2) Invited speaker to give a seminar at the LISA lab/CNRS in Paris, France<br>3) Invited speaker for the international NDACC network workshop | AMS | 2020 | Recognition from Academia | |
| Siyuan Wang | NCAR/CISL Special Recognition Award | NCAR | 2020 | Recognition from Academia | |
| John Daniel | Gold Star Award from Boulder Labs | DOC | 2020 | DOC/NOAA/ OAR Awards | |
| Carsten Warneke | Outstanding Performance Award in Science and Engineering | CIRES | 2019 | CIRES | for outstanding work as a leader of the large-scale field mission Fire Influence on Regional to Global Environments and Air Quality (FIREX-AQ) and the research-focused activities that preceded it over the past half-decade. He developed the FireLab 2016 study that resulted in novel research and was the basis for many of the FIREX-AQ experiments. His laboratory results combined with field observations helped to close gaps in scientific knowledge, like the connection between fuels and atmospheric chemistry. These accomplishments are helping advance fire science not only nationally, but around the globe. |
| Catherine Weable | Silver Sherman Award | NOAA | 2019 | DOC/NOAA/ OAR | for outstanding support of the Foreign National Guest (FNG) program within the ESRL Chemical Sciences Division. Ms. Weable went above and beyond her normal work requirements and demonstrated leadership by working closely with the Office of Security and by guiding CSD sponsors and Guests in meeting all requirements of the Foreign National Guest program. Her successful leadership in managing the FNG process has improved CSD morale. |
| Eric Ray | Governor's Award for High-Impact Research for Manifestation Mastery | State of Colorado | 2019 | CO-Labs | with Geoff Dutton (GMD) and Steve Montzka (GMD) for discovering a major violation of the most successful international treaty, the Montreal Protocol on Substances that Deplete the Ozone Layer. |
| Joshua Schwarz | Employee of the Year | NOAA | 2019 | DOC/NOAA/ OAR | for outstanding leadership in planning and executing the FIREX-AQ airborne study. |

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|---|---|---|---|---|---|
| Raul Alvarez, Sunil Baidar, Andrew Langford, Brandi McCarty, Christoph Senff, Michael Zucker | NASA Group Achievement Award | NASA | 2019 | Other U.S. Awards | with the Tropospheric Ozone Lidar Network (TOLNet) team for the development and implementation of a network of tropospheric ozone lidars to measure time series of vertical profiles of atmospheric ozone for air quality studies. |
| Fabian Hoffmann | University of Colorado Boulder Office of Postdoctoral Affairs | University of Colorado | 2019 | Recognition from Academia | |
| Ilann Bourgeois | Grand Prix Pierre et Cyril Grivet | French Academy of Sciences | 2019 | International Awards | for his doctoral work on environmental nitrogen saturation in the French Alps. This national award recognizes exceptional work from a young scientist addressing biosphere-atmosphere interactions. |
| Brian MacDonald | Presidential Early Career Awards for Scientists and Engineers (PECASE) | U.S. Executive Office of the President (EOP) Office of Science and Technology Policy (OSTP) | 2019 | Presidential Awards | for elegant work to understand the sources of atmospheric pollutants that contribute to poor air quality and impact climate. |
| Drew Rollins | Presidential Early Career Awards for Scientists and Engineers (PECASE) | U.S. Executive Office of the President (EOP) Office of Science and Technology Policy (OSTP) | 2019 | Presidential Awards | for significant contribution to the scientific community through his leadership of an international intercomparison of water vapor instruments that resolved decades-long discrepancies among different techniques. |
| Caroline Womack | Outstanding Performance in Science and Engineering | CIRES | 2019 | CIRES Awards | for tackling a series of diverse, complex experimental and scientific challenges. The resulting advances are foundational and will ultimately provide the NOAA / CIRES community with new experimental methods and new ways of thinking about future research. |
| Christina Williamson | Outstanding Performance in Science and Engineering | CIRES | 2019 | CIRES Awards | for exhibiting sustained scientific and engineering excellence while passionately pursuing a scientific vision involving improving, modifying, and calibrating a set of unique instruments to measure the size and number of newly formed atmospheric nano-particles. |
| Eric Ray and Pengfei Yu | Outstanding Performance in Science and Engineering | CIRES | 2019 | CIRES Awards | with Geoff Dutton (GMD), Lei Hu (GMD), Ben Miller (GMD), Debra Mondeel (GMD), Fred Moore (GMD), David Nance (GMD), and Carolina Siso (GMD) for providing the analytical and interpretive foundations of a paper that has identified substantial unreported emissions of trichlorofluoromethane (CFC-11), a major ozone-depleting substance. |

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|---|---|---|---|---|---|
| Robert Banta | Distinguished Career | NOAA | 2019 | DOC/NOAA/ OAR | for developing and advancing atmospheric lidar observations that improved weather forecast models and our understanding of boundary layer processes. |
| Tobias Marke | Top downloaded paper 2018-2019 in Journal of Geophysical Research: Atmospheres | JGR Atmospheres | 2019 | Recognition of Publications | |
| Brian McDonald | 1) Invited speaker: 2016 AGU, 2019 Gordon Conference<br>2) Invited seminars: NOAA CSL, NIST, NCAR, IASA (Germany), CalTech, CCNY, U. Mich, US EPA OTAQ, US EPA ORD, OneNOAA, US EPA Region 5, Yonsei Univ. (S. Korea), CU-Boulder, Carnegie Mellon Donora Lecture, UC-Davis, CARB, Harvard, NOAA Brown Bag Lunch Series, UC-Berkeley | Multiple Federal, Non-federal, academic institutions and Professional Societies | 2019 | Recognition from Academia | |
| Daniel Van Hoomissen | ACS Editors Choice Award, Environmental Science and Technology Letters, DOI: 10.1021/acs.estlett.9b00116 | ACS | 2019 | Recognition of Publications | |
| Ilaan Bourgeois | French National Academy of Science award for PhD work | FNA | 2019 | International Awards | |
| Zachary Decker | Graduate Researcher Award | CIRES | 2019 | CIRES Awards | |
| Caroline Womack | Womack GRL n the tiop 10% of downloaded articles | GRL | 2019 | Recognition from Publications | |
| Debra Daily-Fisher | Silver Sherman Award | OAR | 2018 | DOC/NOAA/ OAR | for outstanding sustained support of outreach and communication initiatives in the ESRL Chemical Sciences Division. |
| Brandi McCarty | Unsung Heros Award | BLDC | 2018 | Recognition of Outreach, Education, and EEO Efforts | for her vision and support of CSD's monthly birthday social. |
| Brian McDonald, Jessica Gilman, Joost de Gouw (CU), Carsten Warneke, Matthew Coggon | Governor's Award for High-Impact Research Honorable Mention | State of Colorado | 2018 | CO-Labs | for Consumer Products' Emissions - Pioneering work on growing emissions from consumer products improves scientific understanding of air pollution and benefits environmental regulation policy. |
| Steve Brown | Bronze Medal | NOAA | 2018 | DOC/NOAA/ OAR | for conceiving, organizing, and leading an airborne field project that delivered time-critical information on a major air quality problem in the West. |

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| James Burkholder | Distinguished Career | NOAA | 2018 | DOC/NOAA/ OAR | for sustained contributions in conducting studies of atmospheric chemical processes at the atomic and molecular level to provide fundamental information about how human activities influence important societal issues. |
| Brian McDonald | Outstanding Performance in Science and Engineering | CIRES | 2018 | CIRES Awards | for cutting-edge work to improve scientific understanding of how human activities affect air quality. McDonald's inventory development and analyses have improved the way scientists and policy makers consider impacts of various sources of pollutants. His nominated research included assessments of nitrogen oxide emissions in a Utah oil and gas basin, and volatile organic compound emissions in the Los Angeles region. In both areas, he has been able to elegantly combine emissions estimates, atmospheric observations, and models to provide insight into air quality challenges with important human health considerations. McDonald's work has also inspired new fields of research. He finds, for example, that indoor emissions (eg, from consumer products) can have substantial effects on outdoor particulate matter levels; that discovery is inspiring new lines of research at NOAA and beyond. |
| Andy Neuman and Richard McLaughlin | Outstanding Performance in Science and Engineering | CIRES | 2018 | CIRES Awards | with federal colleague Patrick Veres, for first identifying the atmospheric chemistry need: a sophisticated new instrument and a 'ride' for it to help scientists fill in gaps in our understanding of the chemistry of the global atmosphere. The team successfully advocated for the new instrument in 2015, obtaining funds to obtain a time-of-flight mass spectrometer. Then they found it a ride, on NASA's Atmospheric Tomography (ATom) mission. In record time, they ruggedized and integrated the instrument into the aircraft, meeting stringent weight, configuration, and power requirements. Among many critical innovations: Newman and McLaughlin innovated an inlet and sampling scheme that provided a constant sample mass ow with extraordinary pressure stability. The CIMS data are of particular interest to those studying the oxidation chemistry that determines the lifetimes of ozone and methane in the atmosphere - with implications for climate and air quality. |

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| Jessica Gilman | Employee of the Year for Personal and Professional Excellence | OAR | 2018 | DOC/NOAA/OAR | for outstanding innovation in measurements and understanding of atmospheric volatile organic compounds, enabling a software breakthrough that transformed atmospheric compositional analysis using gas chromatography and mass spectrometry, and for public outreach and mentoring of young scientists. |
| Karl Froyd | Geophysical Research Letters top 10% most downloaded papers | GRL | 2018 | Recognition of Publications | |
| Graham Feingold | WIMEK Visiting Fellowship, Netherlands | | 2018 | International Awards | |
| Brian McDonald | AAAS Press Conference on Science Paper | AAAS | 2018 | Recognition from Publications | |
| Steve Brown | Invited presentations at Gordon Research Conference, Faraday Meeting, other international meetings | | 2018 | Recognition of Posters or Presenters | |
| Zachary Decker | Outstanding Student Presentation Award - AGU // 12th Annual Earth System and Space Science - 1st place in Atmos. Chem. | AGU | 2018 | Recognition of Posters or Presenters | |
| David Fahey | Honorary Doctor of Science Degree from the University of Wisconsin - Madison, | University of Wisconsin | 2018 | Recognition from Academia | |
| A.R. Ravishankara, John Daniel, David Fahey | Scientific Leadership Awards | Ozone Secretariat of the Montreal Protocol | 2017 | International Awards | as part of Guus Velders' Team. |
| Ru-Shan Gao, Shang Liu, Troy Thornberry, Steve Ciciora, Andrew Rollins, Laurel Watts, Stephanie Evan, Karen Rosenlof, Cathy Burgdorf Rasco, Debra Dailey-Fisher, Annie Davis, Richard McLaughlin, Eric Ray | Group Achievement Award | NASA | 2017 | Other U.S. Awards | for outstanding achievements of the Pacific Oxidants, Sulfur, Ice, Dehydration, and cONvection (POSIDON) Airborne Earth Science Mission Team. |
| Anne Perring | Presidential Early Career Awards for Scientists and Engineers (PECASE) | U.S. Executive Office of the President (EOP) Office of Science and Technology Policy (OSTP) | 2017 | Presidential Awards | for pioneering work in the development and application of new atmospheric measurement techniques for the study of black carbon and bioaerosols. |
| R. Michael Hardesty | Lifetime Achievement Award | International Coordination-group for Laser Atmospheric Studies (ICLAS) | 2017 | International Awards | for 'sustained outstanding and innovative achievements in the areas of lidar techniques, technologies, and observations.' |

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| Raul Alvarez | Silver Sherman Award | OAR | 2017 | DOC/NOAA/ OAR | for his outstanding efforts to support laboratory and mobile lidar systems in the ESRL Chemical Sciences Division. As he demonstrated in a recent field mission to study high surface ozone values in central California, he is an expert in keeping state-of-the-art laser systems running continuously under challenging field conditions and coordinating multiple laser systems and investigators. |
| John Daniel | Montreal Protocol Scientific Leadership Award for "building and communicating the scientific foundation for the 2007 Adjustment to the Protocol accelerating the HCFC phaseout and the 2016 Kigali Amendment to phase down HFCs | | 2017 | International Awards | |
| Patrick Veres | Invited Seminar Speaker, Ohio State University | Ohio State University | 2017 | Recognition from Academia | |
| David Fahey | Ozone Awards, Montreal Protocol Ozone Secretariat, Scientific Leadership Award to Guus Velders' Team | | 2017 | International Awards | |
| Andrew Rollins, Troy Thornberry, Laurel Watts, and Rich McLaughlin | Outstanding Performance in Science and Engineering | CIRES | 2016 | CIRES Awards | for developing a new laser-based instrument to measure SO2 at extremely low mixing ratios relevant to the stratosphere. The instrument, built and deployed in record time, will enable better understanding of atmospheric sulfur chemistry and transport, which is critical to understanding the stratospheric aerosol layer, including impacts from geoengineering. The new instrument's detection limit is 50-fold better than previous technologies and it already is allowing investigation of science ques-tions previously impossible to tackle. This project grew out of a 2013 CIRES Innovative Research Project. |

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|---|---|---|---|---|---|
| Birgit Hassler | Dobson Award for Young Scientists | International Ozone Commission (IO3C) | 2016 | International Awards | for her outstanding research paper (Hassler, B., et al, Past changes in the vertical distribution of ozone - Part 1: Measurement techniques, uncertainties and availability, Atmospheric Measurement Techniques, doi:10.5194/amt-7-1395-2014, 2014) in atmospheric sciences published or accepted in a refereed journal since the last Quadrennial Ozone Symposium (July 2000) by a young scientist (within 10 years of Ph.D). This award recognizes her leadership as first author of a paper describing past changes in the vertical distribution of ozone. She has provided the community with an essential foundation for reliable detection of stratospheric ozone recovery in coming decades. |
| Brian Lerner | Outstanding Performance in Science and Engineering | CIRES | 2016 | CIRES | for developing one of the world's quickest and most automated systems to analyze whole air samples by gas chromatography-mass spectrometry (GC-MS). Brian developed a four-device package that includes sampling, analysis and interface, GC-MS, and canister cleaning, and he also built efficient software to greatly improve speed of data analysis. Brian's improvements now allow routine analysis of field samples within 36 hours, greatly expanding his team's analytical capabilities and ability to address important science topics such as the emissions of organic gases from oil and natural gas operations. Other groups around the world are looking to use some of Brian's techniques in their own systems. |
| Caroline Womack | Outstanding Presentation Award | DOC Boulder Laboratories Postdoctoral Poster Symposium | 2016 | DOC/NOAA/ OAR | for her poster 'Characterizing Interferences in an NOy Thermal Dissociation Inlet' [coauthored by Andy Neuman, Patrick Veres, Chuck Brock, Scott Eilerman, Kyle Zarzana, Bill Dube and Steven Brown] Carrie is an NRC Postdoctoral Affiliate. |
| Cathy Burgdorf Rasco, Richard Tisinai, Gabi Accatino | Outstanding Performance in Service | CIRES | 2016 | CIRES Awards | for innovative and high-impact IT design and development in support of the 2015 CSD Review. |
| Jane August | Wonderful Outstanding Worker (WOW) | Colorado Federal Executive Board | 2016 | Other U.S. Awards | for 8 years of administrative support to NOAA's Tropospheric Chemistry and Regional Chemical Modeling Groups. |
| James Roberts | Gold Medal for Leadership | NOAA | 2016 | DOC/NOAA/ OAR | for leading three field studies that revealed the cause of high-ozone episodes in Utah's oil and gas fields and led to effective new regulations (winters of 2012, 2013, 2014). |

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| Karen Rosenlof | Yoram J. Kaufman Unselfish Cooperation in Research Award | American Geophysical Review | 2016 | Other U.S. Awards | for broad influence in atmospheric science through exceptional creativity, inspiration of younger scientists, mentoring, international collaborations, and unselfish cooperation in research. |
| Michael Trainer | Distinguished Career | NOAA | 2016 | DOC/NOAA/ OAR | for developing a powerful strategy to use NOAA aircraft to advance our scientific understanding of pollution sources that cause poor air quality. |
| Raul Alvarez, Alan Brewer, Robert Banta, Aditya Choukulkar, Mike Hardesty, John Holloway, Gerhard Hubler, Guillaume Kirgis, Andrew Langford, Thomas Ryerson, Scott Sandberg, Christoph Senff, Ann Weickmann | Group Achievement Award | NASA | 2016 | Other U.S. Awards | for outstanding achievement during the Deriving Information on Surface conditions from Column and Vertically Resolved Observations Relevant to Air Quality (DISCOVER-AQ) mission conducting airborne studies to improve the diagnosis of near-surface air quality from space. |
| Sara Sand | Outstanding Presentation Award | DOC Boulder Laboratories Postdoctoral Poster Symposium | 2016 | DOC/NOAA/ OAR | for her poster 'Evaluation of the Wind Flow Variability Using Scanning Doppler Lidar Measurements' [coauthored by Yelena Pichugina and Alan Brewer] Sara is an Undergraduate Affiliate. |
| Steven Ciciora | Employee of the Year | NOAA | 2016 | DOC/NOAA/ OAR | for his outstanding innovation and hardware engineering in developing a new control and data system for a new generation of aerosol detector resulting in reduced size, weight and cost of the Printed Optical Particle Spectrometer (POPS) while improving performance and adding additional features. |

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| Stu McKeen and Greg Frost | Haagen-Smit Prize | Elsevier / Atmospheric Environment | 2016 | International Awards | with Georg Grell (GSD) for their paper (Grell, GA; SE Peckham; R Schmitz; SA McKeen; G Frost; WC Skamarock; B Eder: Fully coupled 'online' chemistry within the WRF model, Atmospheric Environment, doi:10.1016/j.atmosenv.2005.04.027, 2005) in recognition of its overwhelming contribution to our understanding of atmospheric processes that link air pollution emissions to air quality and ultimately human health. Prior to the advent of WRF-Chem, atmospheric models of meteorology and atmospheric models of transport and transformation of air pollutants had a one-way linkage in that the meteorological information was fed into the chemical transport models but the chemical transport models were assumed not to substantially influence meteorology. We now know that this one-way linkage is not always a reasonable approximation. WRF-Chem was the first widely available, public-domain model to encompass a two-way linkage between meteorology and pollutant transport and transformation. It is widely used by the air pollutant and climate change communities to understand the relationships between air pollutant emissions, meteorology and air pollutant concentrations in urban and regional settings. As a result, it has had a tremendous impact on the atmospheric environment community. |
| Wayne Angevine | Reviewer | JGR Atmospheres | 2016 | Reviewing/ Refereeing Awards | |
| Andrew Neuman | JGR-Atmospheres research spotlight and EOS article for "HONO emission and production determined from airborne measurements over the Southeast U.S." | JGR-Atmospheres | 2016 | Recognition of Publications | |
| A.R. Ravishankara | Distinguished Career | NOAA | 2015 | DOC/NOAA/ OAR | for excellence in managing and providing scientific vision for NOAA's atmospheric research programs, and in leading international science and assessment. |
| Anne Weickmann | Outstanding Performance in Service | CIRES | 2015 | CIRES Awards | for her work in developing innovative software and hardware solutions for data acquisition, processing, and control of lidar instrumentation. |

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| Jeff Peischl | Outstanding Performance in Science and Engineering | CIRES | 2015 | CIRES Awards | for his work measuring greenhouse gases ($CO_2$, $CH_4$, and $N_2O$) from airborne and ground-based mobile platforms, and for analyses to better understand the sources and implications of those emissions. |
| Ru-Shan Gao | Employee of the Year | OAR | 2015 | DOC/NOAA/ OAR | for outstanding innovations in the design, engineering, and construction of a new, lightweight, low-cost detector for studying atmospheric aerosols, the Printed Optical Particle Spectrometer, and using it on versatile airborne platforms to achieve ground-breaking measurements in the atmosphere. |
| Tak Yamaguchi | Outstanding Performance in Science and Engineering | CIRES | 2015 | CIRES Awards | for his work on aerosol-cloud interactions and their impact on climate change. |
| Owen Cooper | Editors' Citation for Excellence in Refereeing for JGR-Atmospheres, for work in 2014, but awarded in 2015 | JGR-Atmospheres | 2015 | Reviewing/ Refereeing Awards | |
| Zachary Finewax | CIRES Graduate Fellowship | CIRES | 2015 | CIRES Awards | |
| Steve Brown | Harold I Schiff Lecture, York University, Toronto, Canada | York University | 2015 | International Awards | |